



SEIKO ASTRON

2015 CATALOGUE



GPS
SOLAR

| | |
|---------------------------------|----|
| SEIKO History..... | 4 |
| The SEIKO Website..... | 6 |
| About this Guide..... | 7 |
| Water Resistance Usage..... | 8 |
| Abbreviations..... | 9 |
| GPS Solar | 10 |
| GPS Solar Dual Time..... | 12 |
| GPS Solar Chronograph..... | 15 |
| Product Information Matrix..... | 18 |
| Operating Instructions | 20 |
| Contacts..... | 22 |
| Service Information..... | 23 |
| Index..... | 24 |
| Notes..... | 25 |



- | | |
|--|---|
| <p>1881 K. Hattori, predecessor of today's Seiko Holdings Corporation, established.</p> <p>1892 Seikosha clock supply factory established; production of wall clocks begins. Seikosha builds the first pocket watch.</p> <p>1913 Production of Laurel, the first wristwatch made in Japan begins.</p> <p>1953 SEIKO sponsors Japan's first TV commercial.</p> <p>1959 SEIKO commercializes quartz clocks for broadcasting use.</p> <p>1964 SEIKO develops the portable quartz chronometer and Seiko serves as Official Timer for the "Games of the XVIII Olympiad" held in Tokyo.</p> <p>1968 SEIKO achieves the highest ever score in the Geneva competition and is awarded the "best mechanical wrist chronometer".</p> | <p>1969 Introduction of cal. 6139, the world's first automatic chronograph watch equipped with both vertical clutch and column wheel. Introduction of the world's first quartz watch, "SEIKO Quartz Astron" cal. 3500.</p> <p>1982 Introduction of the world's first TV watch cal. T001.</p> <p>1988 Introduction of the world's first "Auto Quartz" watch cal. 7M42. (later renamed as "Kinetic").</p> <p>1992 Introduction of 1/100th analogue quartz chronograph watch cal. 7T59.</p> <p>1999 Introduction of the world's first Spring Drive watch cal. 7R68 (hand winding). Introduction of the Ultimate Kinetic Chronograph cal. 9T82.</p> <p>2005 Introduction of the Kinetic Perpetual cal. 7D48. Introduction of the Spring Drive cal. 5R series (automatic winding).</p> |
|--|---|



2006 Introduction of the world's first watch with electrophoresis display module cal. G510.

Introduction of the Credor Spring Drive Sonnerie cal. 7R06.
Suggested retail price: 15 million Japanese Yen.

2007 Introduction of the Kinetic Direct Drive cal. 5D44.

Introduction of the Spring Drive Chronograph cal. 5R86 equipped with both vertical clutch and column wheel.

2009 Introduction of the Chronograph Perpetual.

2010 World's first EPD watch with an active matrix system.

2011 SEIKO's 130th Anniversary

Served as Official Timer of the IAAF World Championships Daegu 2011.

2012 SEIKO introduces the world's first Solar Powered GPS watch that supports all internationally recognised timezones.

2013 100 years of SEIKO Wrist watches marked by a collection of Special Edition models.

2014 SEIKO introduces the world's first Solar GPS watch with a chronograph.

2015 Astron GPS Solar Dual Time with AM & PM indicator is introduced.

SEIKO celebrates 50 years of diver's watches.

The SEIKO website is designed to provide customers, retailers and consumers with instant access to information about SEIKO. Log onto www.seiko.com.au and click the following links to find out all there is to know about the world's leading watch manufacturer.

Products – Learn more about the SEIKO Premium Collection or explore the entire SEIKO product range.

Support – Designed with retailers in mind, this section provides service information, instruction manuals you can download and 'frequently asked questions' to aid in trouble shooting, procedures for sending back repairs for prompt and efficient service.

About Us – Discover SEIKO's history from humble beginnings in 1881 and the rise that carried SEIKO to new heights and international renown. Learn about corporate structure, global networks and SEIKO's extensive involvement in sports timing.







Corporate – This section outlines specialised services that include the printing of company logos on the dial of a watch or clock, engraving and personalised messages, as well as customised packaging and more.

SEIKO will continue to grow and evolve and so too will www.seiko.com.au, so keep checking for regular updates. Please send any comments you have to info@seiko.com.au, all feedback is welcome.

www.seiko.co.nz

BELOW ARE THE ABBREVIATIONS AND SYMBOLS YOU WILL FIND IN THIS CATALOGUE



- ADVERTISED MODEL** — Advertised model
-  — Solar
-  — New release model
-  — Stainless steel case
-  — Water resistance
-  — Titanium
-  — Ceramic

SSE003J \$4450 — Reference number and price

GPS SOLAR CHRONOGRAPH — Watch type








TCE.TIHICDCWR (10BAR) — Case material (refer to Abbreviations page)

SAPPHIRE GLASS — Glass type

M0VR111H0 — Band reference

8X82 — Calibre Number

WATER RESISTANCE USAGE

| |  |  |  |  |  |  |  |
|--|---|---|---|---|---|---|---|
| EVERYDAY LIFE (International Standard ISO 2281) Recommended Usage | | | | | | | |
| Splash Resistant | ● | ● | ● | ● | ● | ● | ● |
| Rain Resistant | ● | ● | ● | ● | ● | ● | ● |
| SWIMMING/WATERSPORTS (International Standard ISO 2281) Recommended Usage | | | | | | | |
| Water-related Work | | ● | ● | ● | ● | ● | ● |
| Swimming | | ● | ● | ● | ● | ● | ● |
| Watersports (Snorkelling, Surfing, etc) | | | ● | ● | ● | ● | ● |
| DIVING (International Standard ISO 6425) Recommended Usage | | | | | | | |
| Scuba Diving | | | | | | ● | ● |
| Saturation Diving | | | | | | | ● |

| | |
|--------------------------|---|
| 18KYG | 18K yellow gold, 18KYG middle, and 18KYG back |
| AHC | All Hard Coat case and back |
| ALSGP | All Light SEIKO Gold Colour Plated case |
| ASG | All SEIKO Gold Plated case |
| ATI | All Titanium case |
| ATIHICDC | All TI case with super hard coating |
| BTIHC.MBTIHC | All high intensity titanium |
| CE | Ceramics |
| FRP | Fibre Reinforced Plastic |
| GPDP | Combined SGP and PDP middle with bezel and SS back |
| GPHC | Combined SGP and HC middle with bezel and SS back |
| HC | Hard Coating SS middle with bezel and SS back |
| HC.SSHC | HC bezel and middle with combined SS and HC back |
| HGC | Hard Gold Coating middle with bezel and SS back |
| LSGP | Light colour SGP |
| MHC | HC middle with SS bezel and back |
| MSSGP | SS bezel, combined SS and SGP middle and SS back |
| MSSPCD | SS bezel combined SS and plastic middle with SS back |
| MSS.HC | SS middle with HC bezel and back |
| PDP | Palladium plated middle with bezel and SS back |
| SGP | SEIKO Gold Colour Plate and Stainless Steel back |
| SS | Stainless Steel case |
| SSGP | Combined SS and SGP middle with bezel and SS back |
| SSHC | Combined SS and HC middle with bezel and SS back |
| TCE.GP | CE bezel, SGP middle, and SGP back |
| TCE.MTIHICDC | CE bezel, TI with super hard coating middle, and TI with super hard coating back |
| TCE.TIHC | CE bezel, TIHC middle and TIHC back |
| TGPCE.MGP | Combined SGP and Ceramic bezel, SGP middle and SS back |
| TGPDP | Combined SGP and PDP bezel, SS middle and SS back |
| TGP.MGPHC | SGP bezel, SGP and HC middle and SS back |
| TGP.MSSGP | SGP bezel, combined SS and SGP middle and SS back |
| TGP.TIHCCE | SGP bezel, combined TI, HC, and CE middle (No case back as it's a one piece case model) |
| TGPTI.TI | Combined TI and SGP bezel, TI middle and TI back |
| THC | HC bezel, SS middle and SS back |
| THC.BTI | HC bezel, BTI (Bright Titanium) middle and BTI back |
| THC.MHCPCDP | HC bezel, combined HC and plastic middle with SS back |
| THC.MSSCE | HC bezel, combined SS and CE middle, and SS back |
| THC.TIHCCE | CE Outer Case, TI HC Inner Case |
| THGMCETIHG | HGC bezel, combined Ceramics, TI and HGC middle and combined Ceramics, TI and HGC back |
| TI | Titanium |
| TPDP | PDP bezel, SS middle and SS back |
| TSGP | Combined SS and SGP case and SS back |
| TSSCE | Combined SS and Ceramic bezel, SS middle and SS back |
| TSSGP | Combined SS and SGP bezel, SS middle and SS back |
| TSSGP.GP | SSGP bezel, SGP middle, and SGP back |
| TSSHC | Combined SS and HC bezel, SS middle and SS back |
| TSSHC.HICDC | SSHC bezel, SS with super hard coating, and SS with super hard coating back |
| TTIHC.MTIHICDC.TI | Ti & HC bezel, Ti & HC middle, Ti Back |
| TTIHC.TI | Combined TI and HC bezel, TI middle and TI back |
| WR | Water Resistant |
| XL | Lumibrite hands and hour markers |

ACCURATE TIME, HARNESSING THE POWER OF GPS

Once a day when fully charged, Seiko Astron receives the time signal automatically and, on demand, connects to four or more of the GPS satellites that orbit the earth*1, thus pinpointing its position and identifying the time zone and the exact time*2*3. The hands adjust automatically to the correct local time with atomic clock precision.

NO BATTERY CHANGE NEEDED. EVER

Astron is entirely self-sustaining and takes all the power it needs just from light. There is no need, ever, to change a battery.



PERPETUAL CALENDAR CORRECT UP TO FEBRUARY 2100

Astron has a perpetual calendar that is accurate up to February 2100, irrespective of leap years.

IN-FLIGHT MODE (✈)

In order to avoid any interference with the operation of electronic devices in an airplane, in-flight mode is available when boarding a plane. In the in-flight mode, the GPS signal reception function will not work.

DAYLIGHT SAVING TIME (DST) FUNCTION

In areas where Daylight Saving Time (DST) applies, the time can be adjusted manually.

MULTI-INDICATOR

The multi-indicator has four functions:

- GPS signal reception display
- Power reserve indication
- In-flight mode (✈) on/off indication
- DST (Daylight Saving Time) on/off indication



THE WORLD'S FIRST GPS SOLAR WATCH

Thanks to the creation of an ultra-low consumption GPS module, Seiko has been able to create a watch that can receive GPS signals and identify time zone, time and date using the global network of GPS satellites. This breakthrough timepiece inherits the name of the Astron. Like its celebrated 1969 predecessor which was the world's first quartz watch, the new Astron ushers in a new age of timekeeping technology.



THE SECRET IS IN ENERGY MANAGEMENT

Only Seiko's advanced energy-efficiency technology could invent the miniature GPS receiver that requires so little energy to receive GPS signals from four or more satellites. And only Seiko's advanced IC circuitry expertise could make it possible for watch to see the world as divided into one million 'squares' and allocate a time zone to each.

SEIKO'S HISTORY OF ENERGY MANAGEMENT

- 1969: The first Astron was the world's first quartz watch. It was made possible by a low-drain stepping motor.
- 1977: Seiko made its first ever solar watch, using just the power of light.
- 1988: Seiko Kinetic was the first watch to convert mechanical energy into electrical with a rotor that spins at up to 100,000 rpm.
- 1999: A mechanical watch with a new type of escapement, Spring Drive is a technology unique to Seiko. It uses so little electrical power that, if everyone on earth wore Spring Drive, the total energy used would power just one light bulb.
- 2012: The new Astron: The world's first GPS solar watch, which is so energy efficient that it can connect to the GPS network using just the power of light.

*1 The watch has to be under an open sky with good visibility, where the GPS signals can easily be received.

*2 Cal.7X52: Time zone data as of January 2012. Cal.8X82: Time zone data as of January 2014.
Changes to time zones occurring after these dates are not programmed and manual adjustment may be required.

*3 If the time zone is adjusted near a time zone boundary, the time of the adjacent time zone may be displayed. To adjust the time zone, use the manual time zone(city) selection mode.

GPS SOLAR DUAL TIME

24



Case Size
48.7mm



SSE039J \$5500
GPS SOLAR DUAL TIME, TCE.MTHICDCCE.TIHICDCWR, (10BAR), XL,
SAPPHIRE GLASS, CABOCHON CROWN, LIMITED EDITION
3000 PIECES WORLDWIDE, MOXE119H0, 8X53

24



Case Size
45mm

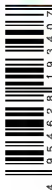
SSE060J \$3450
GPS SOLAR DUAL TIME, TCE SSHICWR, (10BAR), XL, SAPPHIRE GLASS,
CABOCHON CROWN, NOVAK DJOKOVIC LIMITED EDITION 3000 PIECES
WORLDWIDE, LOCK013P9, 8X53

GPS SOLAR DUAL TIME

ADVERTISED MODEL

Case Size
45mm

24



SSE041J \$4250
GPS SOLAR DUAL TIME, TCE.TIHICDCWR, (10BAR), XL,
SAPPHIRE GLASS, CABOCHON CROWN,
M0XE117H0, 8X53

24



Case Size
45mm

SSE043J \$4250
GPS SOLAR DUAL TIME, TCE.TIHICDCWR, (10BAR), XL,
SAPPHIRE GLASS, CABOCHON CROWN,
M0XE118H0, 8X53

24



Case Size
45mm

SSE049J \$3900
GPS SOLAR DUAL TIME, TCE.HIHICWR, (10BAR), XL,
SAPPHIRE GLASS, CABOCHON CROWN,
M0XF111M0, 8X53

24



Case Size
45mm

SSE045J \$3900
GPS SOLAR DUAL TIME, TCE.TIHICDCWR, (10BAR), XL,
SAPPHIRE GLASS, CABOCHON CROWN,
M0XF111H0, 8X53

24



Case Size
45mm

SSE061J \$3900
GPS SOLAR DUAL TIME, TCE.TIHICDCWR, (10BAR), XL,
SAPPHIRE GLASS, CABOCHON CROWN,
LOCK011J9, 8X53

GPS SOLAR DUAL TIME



Case Size
45mm

24



SSE051J \$3100
GPS SOLAR DUAL TIME, TCE.HICDCWR, (10BAR), XL,
SAPPHIRE GLASS, MOV5111H0, 8X53



Case Size
45mm

24



SSE053J \$3100
GPS SOLAR DUAL TIME, TCE.HICDCWR, (10BAR), XL,
SAPPHIRE GLASS, MOV5111H0, 8X53



Case Size
45mm

24



SSE055J \$3100
GPS SOLAR DUAL TIME, TCE.GPWR, (10BAR), XL, SAPPHIRE GLASS,
CABOCHON CROWN, R01Z011P0, 8X53

24

Case Size
44.6mm**SSE037J \$5500**

GPS SOLAR CHRONOGRAPH, TCE.TIHCWR, (10BAR), XL, SAPPHIRE
GLASS, CABOCHON CROWN, LIMITED EDITION 5000 PIECES WORLDWIDE,
ADDITIONAL CROCODILE LEATHER STRAP,
MOVX11AM0/LOE6011M9, 8X82



GPS SOLAR CHRONOGRAPH



Case Size
44.6mm

24



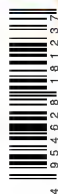
SSE003J \$4450 100m C TI

GPS SOLAR CHRONOGRAPH, TCE TIHICDCWR, (10BAR), XL,
SAPPHIRE GLASS, MOV111H0, 8X82



Case Size
44.6mm

24



SSE007J \$4450 100m C TI

GPS SOLAR CHRONOGRAPH, TCE TIHICDCWR, (10BAR), XL,
SAPPHIRE GLASS, MOV111H0, 8X82



Case Size
44.6mm

24



SSE009J \$4450 100m C TI

GPS SOLAR CHRONOGRAPH, TCE TIHICDCWR, (10 BAR), XL,
SAPPHIRE GLASS, MOV111M0, 8X82



Case Size
44.6mm

24



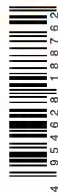
SSE023J \$4450 100m C TI

GPS SOLAR CHRONOGRAPH, TCE TIHICDCWR, (10BAR), XL,
SAPPHIRE GLASS, LOCK014J9, 8X82



Case Size
44.6mm

24



SSE025J \$4450 100m C TI

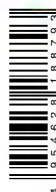
GPS SOLAR CHRONOGRAPH, TCE TIHICDCWR, (10BAR), XL,
SAPPHIRE GLASS, LOCK011J9, 8X82

GPS SOLAR CHRONOGRAPH



Case Size
44.6mm

24

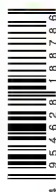


SSE031J \$3650 100% SS C
GPS SOLAR CHRONOGRAPH, TCE.HCWR, (10BAR), XL,
SAPPHIRE GLASS, MOWZ117M0, 8X82



Case Size
44.6mm

24



SSE029J \$3650 100% SS C
GPS SOLAR CHRONOGRAPH, TCE.HICDCWR, (10BAR), XL,
SAPPHIRE GLASS, MOWZ117H0, 8X82



Case Size
44.6mm

24



SSE011J \$3300 100% SS C
GPS SOLAR CHRONOGRAPH, TCE.HICDCWR, (10BAR), XL,
SAPPHIRE GLASS, MOV5111H0, 8X82



Case Size
44.6mm

24

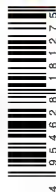


SSE033J \$3350 100% SS C
GPS SOLAR CHRONOGRAPH, TCE.HICDCWR, (10BAR), XL,
SAPPHIRE GLASS, MOV5111H0, 8X82



Case Size
44.6mm

24



SSE013J \$3300 100% SS C
GPS SOLAR CHRONOGRAPH, TCE.HCWR, (10BAR), XL,
SAPPHIRE GLASS, MOV5111M0, 8X82



Case Size
44.6mm

24



SSE017J \$3200 100% SS C
GPS SOLAR CHRONOGRAPH, TCE.HCWR, (10BAR), XL,
SAPPHIRE GLASS, R01Z011M0, 8X82

PRODUCT INFORMATION MATRIX

| Model Number | Collection | Calibre Type | Calibre Function | Power Reserve/Battery Life | Battery Type | Calibre Number | Display | Water Resistance | Band Reference | Glass Type | Crown | Rotating Bezel | Hand Indicators | Calendar Indicators | Lumibrite | Stone Set Type | Stone Set Qty |
|--------------|------------|-------------------------------------|------------------|----------------------------|--------------|----------------|----------|------------------|----------------|------------|---------------------|----------------|------------------------------|-----------------------|-----------------|----------------|---------------|
| SSE003J | Astron | Solar - Powered By Any Light Source | GPS Chronograph | 2 Year Power Reserve | N/A | 8X82 | Analogue | 100 Metres | MOVRI111H0 | Sapphire | Pull Out | | Hour, Minute, Seconds | Date | Hands & Markers | | |
| SSE007J | Astron | Solar - Powered By Any Light Source | GPS Chronograph | 2 Year Power Reserve | N/A | 8X82 | Analogue | 100 Metres | MOVRI111H0 | Sapphire | Pull Out | | Hour, Minute, Seconds | Date | Hands & Markers | | |
| SSE009J | Astron | Solar - Powered By Any Light Source | GPS Chronograph | 2 Year Power Reserve | N/A | 8X82 | Analogue | 100 Metres | MOVRI111M0 | Sapphire | Pull Out | | Hour, Minute, Seconds | Date | Hands & Markers | | |
| SSE011J | Astron | Solar - Powered By Any Light Source | GPS Chronograph | 2 Year Power Reserve | N/A | 8X82 | Analogue | 100 Metres | MOVSI111H0 | Sapphire | Pull Out | | Hour, Minute, Seconds | Date | Hands & Markers | | |
| SSE013J | Astron | Solar - Powered By Any Light Source | GPS Chronograph | 2 Year Power Reserve | N/A | 8X82 | Analogue | 100 Metres | MOVSI111M0 | Sapphire | Pull Out | | Hour, Minute, Seconds | Date | Hands & Markers | | |
| SSE017J | Astron | Solar - Powered By Any Light Source | GPS Chronograph | 2 Year Power Reserve | N/A | 8X82 | Analogue | 100 Metres | R01Z011M0 | Sapphire | Pull Out | | Hour, Minute, Seconds | Date | Hands & Markers | | |
| SSE023J | Astron | Solar - Powered By Any Light Source | GPS Chronograph | 2 Year Power Reserve | N/A | 8X82 | Analogue | 100 Metres | LOCK014J0 | Sapphire | Pull Out | | Hour, Minute, Seconds | Date | Hands & Markers | | |
| SSE025J | Astron | Solar - Powered By Any Light Source | GPS Chronograph | 2 Year Power Reserve | N/A | 8X82 | Analogue | 100 Metres | LOCK011J0 | Sapphire | Pull Out | | Hour, Minute, Seconds | Date | Hands & Markers | | |
| SSE029J | Astron | Solar - Powered By Any Light Source | GPS Chronograph | 2 Year Power Reserve | N/A | 8X82 | Analogue | 100 Metres | M0WZ117H0 | Sapphire | Pull Out | | Hour, Minute, Seconds | Date | Hands & Markers | | |
| SSE031J | Astron | Solar - Powered By Any Light Source | GPS Chronograph | 2 Year Power Reserve | N/A | 8X82 | Analogue | 100 Metres | M0WZ117M0 | Sapphire | Pull Out | | Hour, Minute, Seconds | Date | Hands & Markers | | |
| SSE033J | Astron | Solar - Powered By Any Light Source | GPS Chronograph | 2 Year Power Reserve | N/A | 8X82 | Analogue | 100 Metres | MOVSI111H0 | Sapphire | Pull Out | | Hour, Minute, Seconds | Date | Hands & Markers | | |
| SSE037J | Astron | Solar - Powered By Any Light Source | GPS Chronograph | 2 Year Power Reserve | N/A | 8X82 | Analogue | 100 Metres | S01F001M0 | Sapphire | Cabochon - Pull Out | | Hour, Minute, Seconds | Date | Hands & Markers | | |
| SSE039J | Astron | Solar - Powered By Any Light Source | GPS Dual Time | 2 Year Power Reserve | N/A | 8X53 | Analogue | 100 Metres | M0XE119H0 | Sapphire | Cabochon - Pull Out | | Hour, Minute, Seconds, AM/PM | Date, Day Of The Week | Hands & Markers | | |
| SSE041J | Astron | Solar - Powered By Any Light Source | GPS Dual Time | 2 Year Power Reserve | N/A | 8X53 | Analogue | 100 Metres | M0XE117H0 | Sapphire | Cabochon - Pull Out | | Hour, Minute, Seconds, AM/PM | Date, Day Of The Week | Hands & Markers | | |
| SSE043J | Astron | Solar - Powered By Any Light Source | GPS Dual Time | 2 Year Power Reserve | N/A | 8X53 | Analogue | 100 Metres | M0XE118H0 | Sapphire | Cabochon - Pull Out | | Hour, Minute, Seconds, AM/PM | Date, Day Of The Week | Hands & Markers | | |
| SSE045J | Astron | Solar - Powered By Any Light Source | GPS Dual Time | 2 Year Power Reserve | N/A | 8X53 | Analogue | 100 Metres | M0XF111H0 | Sapphire | Cabochon - Pull Out | | Hour, Minute, Seconds, AM/PM | Date, Day Of The Week | Hands & Markers | | |
| SSE049J | Astron | Solar - Powered By Any Light Source | GPS Dual Time | 2 Year Power Reserve | N/A | 8X53 | Analogue | 100 Metres | M0XF111M0 | Sapphire | Cabochon - Pull Out | | Hour, Minute, Seconds, AM/PM | Date, Day Of The Week | Hands & Markers | | |
| SSE051J | Astron | Solar - Powered By Any Light Source | GPS Dual Time | 2 Year Power Reserve | N/A | 8X53 | Analogue | 100 Metres | MOVSI111H0 | Sapphire | Cabochon - Pull Out | | Hour, Minute, Seconds, AM/PM | Date, Day Of The Week | Hands & Markers | | |
| SSE053J | Astron | Solar - Powered By Any Light Source | GPS Dual Time | 2 Year Power Reserve | N/A | 8X53 | Analogue | 100 Metres | MOVSI111H0 | Sapphire | Cabochon - Pull Out | | Hour, Minute, Seconds, AM/PM | Date, Day Of The Week | Hands & Markers | | |
| SSE055J | Astron | Solar - Powered By Any Light Source | GPS Dual Time | 2 Year Power Reserve | N/A | 8X53 | Analogue | 100 Metres | R01Z011P0 | Sapphire | Cabochon - Pull Out | | Hour, Minute, Seconds, AM/PM | Date, Day Of The Week | Hands & Markers | | |
| SSE060J | Astron | Solar - Powered By Any Light Source | GPS Dual Time | 2 Year Power Reserve | N/A | 8X53 | Analogue | 100 Metres | LOCK013P9 | Sapphire | Cabochon - Pull Out | | Hour, Minute, Seconds, AM/PM | Date, Day Of The Week | Hands & Markers | | |
| SSE061J | Astron | Solar - Powered By Any Light Source | GPS Dual Time | 2 Year Power Reserve | N/A | 8X53 | Analogue | 100 Metres | LOCK011J9 | Sapphire | Cabochon - Pull Out | | Hour, Minute, Seconds, AM/PM | Date, Day Of The Week | Hands & Markers | | |

PRODUCT INFORMATION MATRIX

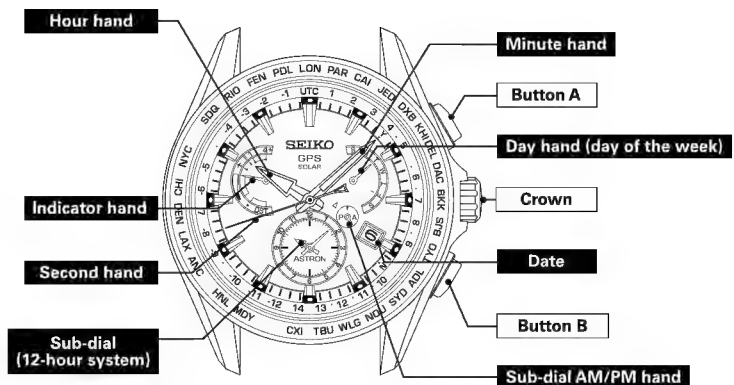
| Model Number | Alarm | Stopwatch | Dual Time Capability | Timer | Perpetual Calendar | Compass | Tachymetre | Telemeter | Slide Rule | World Time | Hand Winding Capability | Power Reserve Indicator | Exhibition Case Back |
|--------------|-------|--|--|-------|---|---------|------------|-----------|------------|------------|-------------------------|-------------------------|----------------------|
| SSE003J | | Stopwatch Measures 6 hours In 1/5th Of A Second Increments | | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | Yes |
| SSE007J | | Stopwatch Measures 6 hours In 1/5th Of A Second Increments | | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | Yes |
| SSE009J | | Stopwatch Measures 6 hours In 1/5th Of A Second Increments | | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | Yes |
| SSE011J | | Stopwatch Measures 6 hours In 1/5th Of A Second Increments | | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | Yes | | | | Yes | | Yes |
| SSE013J | | Stopwatch Measures 6 hours In 1/5th Of A Second Increments | | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | Yes | | | | Yes | | Yes |
| SSE017J | | Stopwatch Measures 6 hours In 1/5th Of A Second Increments | | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | Yes | | | | Yes | | Yes |
| SSE023J | | Stopwatch Measures 6 hours In 1/5th Of A Second Increments | | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | Yes |
| SSE025J | | Stopwatch Measures 6 hours In 1/5th Of A Second Increments | | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | Yes |
| SSE029J | | Stopwatch Measures 6 hours In 1/5th Of A Second Increments | | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | Yes | | | | Yes | | Yes |
| SSE031J | | Stopwatch Measures 6 hours In 1/5th Of A Second Increments | | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | Yes | | | | Yes | | Yes |
| SSE033J | | Stopwatch Measures 6 hours In 1/5th Of A Second Increments | | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | Yes | | | | Yes | | Yes |
| SSE037J | | Stopwatch Measures 6 hours In 1/5th Of A Second Increments | | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | Yes | | | | Yes | | Yes |
| SSE039J | | | Bottom Dial Can Be Adjusted To Second Time Zone, Main Hands Can Be Manually Adjusted To Different Time Zones | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | Yes |
| SSE041J | | | Bottom Dial Can Be Adjusted To Second Time Zone, Main Hands Can Be Manually Adjusted To Different Time Zones | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | Yes |
| SSE043J | | | Bottom Dial Can Be Adjusted To Second Time Zone, Main Hands Can Be Manually Adjusted To Different Time Zones | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | Yes |
| SSE045J | | | Bottom Dial Can Be Adjusted To Second Time Zone, Main Hands Can Be Manually Adjusted To Different Time Zones | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | Yes |
| SSE049J | | | Bottom Dial Can Be Adjusted To Second Time Zone, Main Hands Can Be Manually Adjusted To Different Time Zones | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | Yes |
| SSE051J | | | Bottom Dial Can Be Adjusted To Second Time Zone, Main Hands Can Be Manually Adjusted To Different Time Zones | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | |
| SSE053J | | | Bottom Dial Can Be Adjusted To Second Time Zone, Main Hands Can Be Manually Adjusted To Different Time Zones | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | |
| SSE055J | | | Bottom Dial Can Be Adjusted To Second Time Zone, Main Hands Can Be Manually Adjusted To Different Time Zones | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | |
| SSE060J | | | Bottom Dial Can Be Adjusted To Second Time Zone, Main Hands Can Be Manually Adjusted To Different Time Zones | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | Yes |
| SSE061J | | | Bottom Dial Can Be Adjusted To Second Time Zone, Main Hands Can Be Manually Adjusted To Different Time Zones | | Calendar Automatically Adjusts For Short Months and Leap Years Until February, 2100 | | | | | | Yes | | Yes |

OPERATING INSTRUCTIONS

SOLAR GPS DUAL TIME (8X53)

- Solar – Powered by any light source.
- GPS Connectivity – Connect to satellites to pinpoint your position and adjust timezone accordingly*
- Flight Mode – turn on and off during flights.
- Perpetual Calendar – Adjusts the date and day of the week automatically until February 2100 including leap years and short months
- World Time
- Dual Time function
- Power Save Mode – Astron sleeps when not in sufficient light to conserve energy, and when exposed to light will wake up and relay to the current time.

* Time zone data as of January 2014. Changes to time zones occurring after this date are not programed and manual adjustment may be required.



* Display of city name may vary depending on the mode

HOW TO ADJUST TIME USING GPS SIGNALS

1. Ensure you are outdoor under an open sky with good visibility. Away from trees, buildings bridges etc. Ensure Astron is out of flight mode – follow the steps detailed later in this guide.
2. Press and hold BUTTON A. The second hand will move to the 60 second mark and stop briefly. It will then move to the 30 second mark. Once the small second hand moves to the 30 second mark release BUTTON A.
3. The second hand will then move around the dial pointing at the number markers indicating how many satellites it is connected to. If it is pointing at the 3 marker, it is connected to three satellites etc. A minimum of 4 satellites is required for a successful timezone adjustment. The GPS Signal and Time change can take up to 2 minutes.
4. After Astron connects to satellites the second hand will move to Y (8 second mark) for a successful connection, or N (22 second mark) for an unsuccessful connection. The Y & N are indicated on the inner dial ring.
5. The main hands on Astron will move to the correct time based on your position.

MANUAL TIME ADJUSTMENT & WORLD TIME FUNCTION

In places where the GPS timezone change is not possible Astron can be set manually without the need to connect to a satellite. This function can also be used as a World Timer.

1. Pull the crown out to the first click. The second hand will move and point to the current timezone set detailed on the bezel, or inner dial ring (model dependant).
2. Turn the crown forward or backward and the second hand will point to the next timezone detailed on the inner ring, or city detailed on the bezel (model dependant) and instantly move the hands to that timezone.
3. Once you have selected your desired timezone push the crown back in flush to the case.

Use the below table to discover world timezones.

The following list shows the relationship between displays of the bezel and dial ring and time difference from the UTC. Please refer to the second hand positions below to set the time zone or to check the time zone setting

DST (Daylight Saving Time) is used in time zones with a * mark.
In the Lord Howe Island time zone in Australia with a 1/2 mark, the time is advanced by 30 minutes while DST (Daylight Saving Time) is in effect.
This watch corresponds to DST in the Lord Howe Island time zone

* Each time zone is based on data as of March 2015

Display of time zone
Representative city names:
26 cities among the total of 40
time zones around the world
Time difference:
+14 hours – 12 hours
[Check the time zone] = 8:31
[Time Zone Adjustment] = 8:17



* The displays of city code and the time difference from UTC are subject to change depending on mode.
* - - - between figures of the display of time difference shows that there is a time zone in that place.

| City (UTC) | City (UTC) | City (UTC) | City (UTC) | City (UTC) | City (UTC) | City (UTC) | City (UTC) |
|------------|------------|-------------|------------|------------|------------|--------------------|------------|
| LDN | UTC | * London | 0 | BJS | 8 | Beijing | +8 |
| PAR | 1 | * Paris | +1 | — | * | Eucia | +8.75 |
| CAI | 2 | * Cairo | +2 | TYO | 9 | Tokyo | +9 |
| JED | 3 | Jeddah | +3 | ADI | * | * Adelaide | +8.5 |
| — | * | * Tehran | +3.5 | SYD | 10 | * Sydney | +10 |
| DXB | 4 | Dubai | +4 | — | * | * Lord Howe Island | +10.5 |
| — | * | * Kabul | +4.5 | NOU | 11 | Noumea | +11 |
| KUH | 5 | Karachi | +5 | — | * | * Norfolk Island | +11.5 |
| DEL | * | * Delhi | +5.5 | WLG | 12 | * Wellington | +12 |
| — | * | * Kathmandu | +5.75 | — | * | * Oathen Islands | +12.75 |
| DAC | 6 | Dhaka | +6 | TBU | 13 | Tokyo | +13 |
| — | * | * Yangon | +6.5 | CKI | 14 | Kiritmati | +14 |
| BKK | 7 | Bangkok | +7 | — | 12 | Baker Island | -12 |
| — | — | — | — | MDY | 11 | Midway Islands | -11 |

HOW TO USE THE DAYLIGHT SAVING FUNCTION

Some areas have daylight savings where the time is set forward to gain an extra hour of sunlight. Astron has an easy daylight saving function that turns daylight saving on or off.

1. Pull the crown out to the first click. The left indicator dial's hand will move to either DST (for Daylight Savings on) or the ' ' (for Daylight Savings off).
2. Press and hold BUTTON A for approx. 3 seconds to turn it either on or off.
3. The hands will move forward (on), or backward (off) one hour.
4. Push crown back in flush against the case.

FLIGHT MODE

GPS reception may influence the aeroplanes electronic equipment so GPS Astron has a flight mode you can activate when travelling on an aeroplane.

TURN FLIGHT MODE ON OR OFF

1. Press and hold BUTTON B for approx. 5 seconds.
- 2) The indicator hand in the left dial will move to the image of the plane located on the left side of the outer ring.
- 3) To turn flight mode off, press and hold BUTTON A for approx. 5 seconds. The hand will move back to the power reserve indicator.

CHANGING THE TIME IN THE DUAL TIME SUB DIAL

1. Pull the crown out to the first click.
 2. Press BUTTON B. The day of the week hand will move around and point at the symbol above the AM/PM indicator.
 3. Turn the crown forward or backward and the second hand will point to the next timezone detailed on the inner ring, or city detailed on the bezel (model dependant) and instantly move the hands to that timezone.
 4. The hands in the small dual time sub dial will move to the timezone selected.
- NOTE – The subdial cannot be adjusted to a time outside the timezone.
5. Push the crown back in flush against the case.

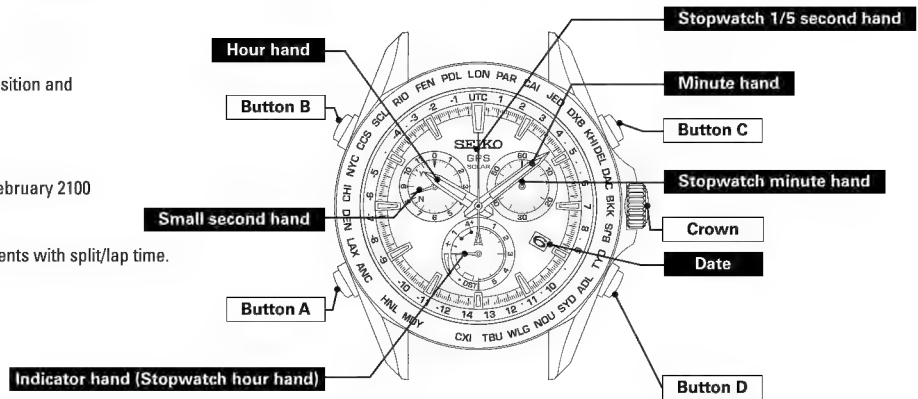
ADJUST DAYLIGHT SAVING TO THE DUAL TIME SUB DIAL

1. Pull the crown out to the first click
2. Press BUTTON B. The left indicator dial's hand will move to either DST (for Daylight Savings on) or the ' ' (for Daylight Savings off).
3. Press BUTTON A for approx. 3 seconds to turn it on or off. This must be done within 5 seconds of pulling the crown out.
4. Push the crown back in flush against the case.

SOLAR GPS CHRONOGRAPH (8X82)

- Solar – Powered by any light source.
- GPS Connectivity – Connect to satellites to pinpoint your position and adjust timezone accordingly*
- Flight Mode – turn on and off during flights.
- Perpetual Calendar – Adjusts the date automatically until February 2100 including leap years and short months
- Stopwatch – Measures 6 hours in 1/5th of a second increments with split/lap time.
- World Time
- Power Save Mode – Astron sleeps when not in sufficient light to conserve energy, and when exposed to light will wake up and relay to the current time.

* Time zone data as of January 2014. Changes to time zones occurring after this date are not programed and manual adjustment may be required.



HOW TO ADJUST TIME USING GPS SIGNALS

1. Ensure you are outdoor under an open sky with good visibility. Away from trees, buildings bridges etc. Ensure Astron is out of flight mode – follow the steps detailed later in this guide.
2. Press and hold **BUTTON B**. The small second hand will move to the 60 second mark and stop briefly. It will then move to the 30 second mark. Once the small second hand moves to the 30 second mark release **BUTTON B**.
3. The small second hand will then move around the dial pointing at the number detailed on the outer ring of this indicating how many satellites it is connected to. A minimum of 4 satellites is required for a successful timezone adjustment. The GPS Signal and Time change can take up to 2 minutes.
4. After Astron connects to satellites the small second hand will move to Y for a successful connection, or N for an unsuccessful connection. The Y & N are indicated inside the small second hand dial.
5. The main hands on Astron will move to the correct time based on your position.

MANUAL TIME ADJUSTMENT & WORLD TIME FUNCTION

In places where the GPS timezone change is not possible Astron can be set manually without the need to connect to a satellite. This function can also be used as a World Timer.

1. Pull the crown out to the first click. The 1/5th of a second hand will move and point to the current timezone set.
2. Turn the crown forward or backward and the 1/5th of a second hand will point to the next timezone detailed on the inner ring, or city detailed on the bezel (model dependant) and instantly move the hands to that timezone.
3. Once you have selected your desired timezone push the crown back in flush to the case.

Use the below table to discover world timezones.

The following list shows the relationship between displays of the bezel and dial ring and time difference from the UTC. Please refer to the second hand positions below to set the time zone or to check the time zone setting.

DST (Daylight Saving Time) is used in time zones with a * mark.
In the Lord Howe Island time zone in Australia with a 1/2 mark, the time is advanced by 30 minutes when DST (Daylight Saving Time) is in effect.
This watch corresponds to DST in the Lord Howe Island time zone.
* Each time zone is based on data as of January 2014.

| City | UTC | Time Difference | City | UTC | Time Difference | City | UTC | Time Difference | City | UTC | Time Difference |
|------|-----|-----------------|-------|-----|-----------------|------------------|--------|-----------------|------|---------------------|-----------------|
| LON | 1 | London | 0 | BJS | 8 | Beijing | +8 | HNL | -10 | Honolulu | -10 |
| PAR | 1 | Paris | +1 | — | — | — | — | — | — | — | — |
| CAI | 2 | Cairo | +2 | TYO | 9 | Tokyo | +9 | ANC | -9 | Anchorage | -9 |
| JED | 3 | Jeddah | +3 | ADL | — | Adelaide | +9.5 | JAX | -8 | Los Angeles | -8 |
| — | — | Tehran | +3.5 | SYD | 10 | Sydney | +10 | DEN | -7 | Denver | -7 |
| DXB | 4 | Dubai | +4 | — | — | Lord Howe Island | +10.5 | CHI | -6 | Chicago | -6 |
| — | — | Kabul | +4.5 | NOU | 11 | Noumea | +11 | NYC | -5 | New York | -5 |
| KUL | 5 | Kuala Lumpur | +5 | — | — | Norfolk Island | +11.5 | CCS | — | Cairo | -4.5 |
| DEL | — | Delhi | +5.5 | WLG | 12 | Wellington | +12 | SCL | -4 | Santiago | -4 |
| — | — | Kathmandu | +5.75 | — | — | Chatham Islands | +12.75 | — | — | St. John's | -3.5 |
| DAC | 6 | Dhaka | +6 | TBL | 13 | Tbilisi | +13 | RIO | -3 | Rio de Janeiro | -3 |
| — | — | Yangon | +6.5 | CKI | 14 | Kiritimati | +14 | FEN | -2 | Fernando de Noronha | -2 |
| BKK | 7 | Bangkok | +7 | — | — | Baker Island | -12 | POL | -1 | Astoria | -1 |
| — | — | — | — | MDY | -11 | Midway Islands | -11 | — | — | — | — |

HOW TO USE THE DAYLIGHT SAVING FUNCTION

Some areas have daylight savings where the time is set forward to gain an extra hour of sunlight. Astron has an easy daylight saving function that turns daylight saving on or off.

1. Pull the crown out to the first click. The bottom dial's hand will move to either DST (for Daylight Savings on) or the ' ' (for Daylight Savings off).
2. Press and hold **BUTTON B** for approx. 3 seconds to turn it either on or off.
3. The hands will move forward (on), or backward (off) one hour.

FLIGHT MODE

GPS reception may influence the aeroplanes electronic equipment so GPS Astron has a flight mode you can activate when travelling on an aeroplane.

TURN FLIGHT MODE ON OR OFF

1. Press and hold **BUTTON A** for approx.. 5 seconds.
2. The indicator hand in the bottom dial will move to the image of the plane located on the left side of the outer ring.
3. To turn flight mode off, press and hold **BUTTON A** for approx. 5 seconds. The hand will move back to the power reserve indicator

STOPWATCH MODE

When using the stopwatch the hands will move and behave differently to normal time mode.

- The large second hand becomes the 1/5th of a second hand
- The dial on the right side is the Stopwatch minute hand
- The bottom dial and indicators become the hour hand

1. To start the stopwatch press **BUTTON C**
2. To stop the stopwatch press **BUTTON C**
3. To reset the stopwatch press **BUTTON D**

SPLIT/LAP TIME

While the stopwatch is in operation press **BUTTON D** to split time. The stopwatch hands will freeze to indicate time. Press **BUTTON D** to release split time and the stopwatch will catch up and continue on to real time.

NOTE – While the stopwatch is in operation the GPS timezone function will not work.

SERVICE NETWORK FOR WARRANTY REPAIRS

New Zealand

Service Agent for Seiko, Pulsar, Lorus

Watch World

226A Bush Road, Albany,

Auckland NZ 0632

PO Box 100037, North Shore,

New Zealand 0745

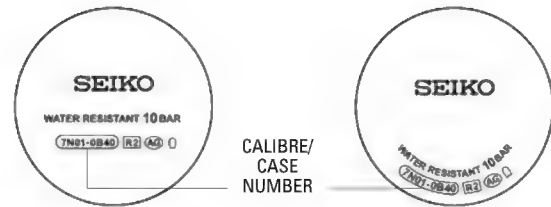
Phone: +(649) 415 5668

Fax: +(649) 415 5662

Email: admin@watchworld.co.nz

3 YEAR GUARANTEE

All SEIKO watches and clocks are covered by a 3 year guarantee. The guarantee covers defects in the material and workmanship from the date of purchase. As a SEIKO authorised dealer it is your responsibility to correctly fill in the guarantee with all the information required. The diagram on the right shows where to find the relevant information on the watch caseback.



In the case of incorrectly used guarantees, return them to SEIKO Australia or hand them to your SEIKO Australia Representative for free replacement, otherwise a charge for new guarantees will be applicable.

Global Service Network

SEIKO's dedication to quality extends throughout its service network in all corners of the world, extending the same dedication to excellence and the highest quality service to SEIKO customers everywhere.

For over 100 years SEIKO has stood for quality – in manufacture, design and service. Today, our SEIKO service centres strive to offer the highest standard of after-sales service and ensure lasting consumer satisfaction. In the Oceania Region, SEIKO Australia Pty Ltd has a network of branch offices, service centres and authorised service agents throughout Australia, New Zealand, Papua New Guinea, and the Pacific Islands.

For service, repairs and spare parts enquiries,
please phone 0800 734 561 or
email service@seiko.com.au



| Model Number | Page | Price |
|--------------|------|------------|
| SSE003J | 16 | \$4,450.00 |
| SSE007J | 16 | \$4,450.00 |
| SSE009J | 16 | \$4,450.00 |
| SSE011J | 17 | \$3,300.00 |
| SSE013J | 17 | \$3,300.00 |
| SSE017J | 17 | \$3,200.00 |
| SSE023J | 16 | \$4,450.00 |
| SSE025J | 16 | \$4,450.00 |
| SSE029J | 17 | \$3,650.00 |
| SSE031J | 17 | \$3,650.00 |
| SSE033J | 17 | \$3,350.00 |
| SSE037J | 15 | \$5,500.00 |
| SSE039J | 12 | \$5,500.00 |
| SSE041J | 13 | \$4,250.00 |
| SSE043J | 13 | \$4,250.00 |
| SSE045J | 13 | \$3,900.00 |
| SSE049J | 13 | \$3,900.00 |
| SSE051J | 14 | \$3,100.00 |
| SSE053J | 14 | \$3,100.00 |
| SSE055J | 14 | \$3,100.00 |
| SSE060J | 12 | \$3,450.00 |
| SSE061J | 13 | \$3,900.00 |

SEIKO

Sales orders & enquiries:
nzsales@seiko.co.nz

For sales enquiries within New Zealand
please phone 0800 734 561.

NEW ZEALAND

226A Bush Road
Albany
New Zealand 0632
PO Box 100037
North Shore Mail Centre
Auckland 0745
Ph: +64 (9) 415 5668
Fax: +64 (9) 415 5661

TRADE PRACTICES ACT 1974

Resale Price maintenance (S48 SS96 100). The prices shown in this catalogue are recommended retail prices as at 1st July 2015 and there is no obligation to comply with the recommendation. All prices are in New Zealand dollars and all prices include GST. All prices are subject to change without notice.
Seiko Australia Pty Ltd (ABN 63 000 797 946). SCATACNZ0715